

WHAT IS CLAIMED IS:

1. A method, comprising:  
assembling files for an application;  
5 compiling the files into an application on an administration server, wherein the  
domain administration server is coupled to a central application repository  
storing the application in the central application repository;  
deploying the application onto a plurality of servers in a cluster of servers;  
starting the application on the plurality of servers.  
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2. The method of claim 1, further comprising:  
storing a different version of the application in the central application repository;  
deploying the different version of the application onto a plurality of servers in the  
cluster of servers, wherein the application and the different version of the  
15 application may simultaneously execute on different servers in the cluster  
of servers;  
starting the older version of the application on the second subset of servers.
3. The method of claim 1, wherein the files comprise a Java Archive.  
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4. The method of claim 1, further comprising validating the application after  
compiling the set of source code and related resource files, wherein validating the  
application comprises ensuring that said deploying and said starting have a high  
chance of success.  
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5. The method of claim 2, wherein deploying the different version of the application  
comprises:  
stopping an instance of the application on a server;  
loading the different version of the application on the server;

associating the instance of the application with the different version of the application on the server;  
starting the instance of the different version of the application on the server.

- 5     6.     A system comprising:  
files for an application;  
a plurality of servers in a cluster of servers;  
an administration server connected to the cluster of servers, wherein the  
administration server in the cluster of servers is operable to compile the  
10           files into an application, and  
wherein the administration server is operable to deploy the application  
onto a plurality of servers in the cluster of servers;  
a central application repository connected to a domain administration server  
operable to store the application;  
15           wherein the plurality of servers are operable to start the application.
7.     The system of claim 6,  
wherein the central application repository is operable to store a different version  
of the application;  
20           wherein the administration server is operable to deploy the different version of the  
application onto a plurality of servers in the cluster of servers; and  
wherein the plurality of servers are operable to simultaneously execute the  
application and the different version of the application.
- 25     8.     The system of claim 6, wherein the files comprise a Java Archive.
9.     The method of claim 6, wherein the administration server is further operable to  
validate the application after compiling the set of source code and related resource  
files, wherein said validating the application comprises ensuring that said  
30           deploying and said starting have a high chance of success.

10. The method of claim 7, wherein the administration server is further operable to:  
stop an instance of the application on a server;  
load the different version of the application on the server;  
5 associate the instance of the application with the different version of the  
application on the server;  
start the instance of the different version of the application on the server.
11. A computer accessible medium operable to store program instructions for a  
10 method comprising:  
assembling files for an application;  
compiling the files into an application on an administration server, wherein the  
domain administration server is coupled to a central application repository  
storing the application in the central application repository;  
15 deploying the application onto a plurality of servers in a cluster of servers;  
starting the application on the plurality of servers.
12. The computer accessible medium of claim 11, further comprising:  
storing a different version of the application in the central application repository;  
20 deploying the different version of the application onto a plurality of servers in the  
cluster of servers, wherein the application and the different version of the  
application may simultaneously execute on different servers in the cluster  
of servers;  
starting the older version of the application on the second subset of servers.
- 25 13. The computer accessible medium of claim 11, wherein the files comprise a Java  
Archive.
14. The computer accessible medium of claim 11, further comprising validating the  
30 application after compiling the set of source code and related resource files,

wherein validating the application comprises ensuring that said deploying and said starting have a high chance of success.

15. The computer accessible medium of claim 12, wherein deploying the different  
5 version of the application comprises:  
stopping an instance of the application on a server;  
loading the different version of the application on the server;  
associating the instance of the application with the different version of the  
application on the server;  
10 starting the instance of the different version of the application on the server.